

## WEST Search History

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DATE: Friday, June 22, 2007

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L28	L27 and ((closed or complete or full) same (path or route or geometry or geometric\$4))	1
<input type="checkbox"/>	L27	L17 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance)) same (direct\$4 or orient\$3 or orientation) same ((parallel) same (magnetic or field)))	6
<input type="checkbox"/>	L26	L25 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance)) same (direct\$4 or orient\$3 or orientation) same ((parallel) same (magnetic or field)))	1
<input type="checkbox"/>	L25	L24 and ((parallel) same (magnetic or field))	12
<input type="checkbox"/>	L24	L17 and ((closed or complete or full) same (path or route or geometry or geometric\$4))	13
<input type="checkbox"/>	L23	L22 and ((closed or complete or full) same (path or route or geometry or geometric\$4))	1
<input type="checkbox"/>	L22	L21 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance)) same (direct\$4 or orient\$3 or orientation) same ((parallel) same (magnetic or field)))	4
<input type="checkbox"/>	L21	L20 and (resonator or resonater or resonance or resonant)	19
<input type="checkbox"/>	L20	L19 and (direct\$4 or orient\$3 or orientation)	19
<input type="checkbox"/>	L19	L18 and ((electric or electrical or electrically) same (conduct\$3))	20
<input type="checkbox"/>	L18	L17 and ((parallel) same (magnetic or field))	24
<input type="checkbox"/>	L17	L16 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance))	40
<input type="checkbox"/>	L16	L15 and (dielectric\$4 or di-electric\$4 or substrate)	1985
<input type="checkbox"/>	L15	((324/300-322.ccls.) or (600/407-435.ccls.))	18004
<input type="checkbox"/>	L14	((20020190715) and (static or homogeneous or main) with (magnetic field))	1
<input type="checkbox"/>	L13	L12 and ((electric or electrical or electrically) same (conduct\$3))	14
<input type="checkbox"/>	L12	L11 and (electric\$4)	15
<input type="checkbox"/>	L11	L10 and (conduct\$3)	15
<input type="checkbox"/>	L10	L9 and ((parallel) same (magnetic or field))	15

<input checked="" type="checkbox"/>	L9	L8 and (planar or flat)	22
<input type="checkbox"/>	L8	L7 and (resonator or resonater)	23
<input type="checkbox"/>	L7	L6 and ((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance))	96
<input type="checkbox"/>	L6	L5 and (parallel)	1312
<input type="checkbox"/>	L5	L4 and ("HTS" or "htsc" or superconduct\$3 or super-conduct\$3 or (high with temperature))	1901
<input type="checkbox"/>	L4	L3 and (finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock)	4981
<input type="checkbox"/>	L3	L2 and (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance)	28934
<input type="checkbox"/>	L2	L1 and (dielectric\$4 or di-electric\$4 or substrate)	81778
<input type="checkbox"/>	L1	((magnetic adj resonan\$2) or MRI or NMR)	254465

END OF SEARCH HISTORY

# Hit List

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Search Results - Record(s) 1 through 14 of 14 returned.

☐ 1. Document ID: US 20060038640 A1

L13: Entry 1 of 14

File: PGPB

Feb 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060038640

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060038640 A1

TITLE: Ceramic loaded temperature compensating tunable cavity filter

PUBLICATION-DATE: February 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
D'Ostilio; James P.	Lynchburg	VA	US

US-CL-CURRENT: [333/223](#); [333/234](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 2. Document ID: US 20060017440 A1

L13: Entry 2 of 14

File: PGPB

Jan 26, 2006

PGPUB-DOCUMENT-NUMBER: 20060017440

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060017440 A1

TITLE: Resonator system

PUBLICATION-DATE: January 26, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Freytag; Nicolas	Binz		CH

US-CL-CURRENT: [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 3. Document ID: US 20050200359 A1

L13: Entry 3 of 14

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Draw Desc	Image
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☐ 4. Document ID: US 20040032262 A1

L13: Entry 4 of 14

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040032262

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040032262 A1

TITLE: Planar NMR coils with localized field-generating and capacitive elements

PUBLICATION-DATE: February 19, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US
Nast, Robert E.	Saratoga	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Draw Desc	Image
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☐ 5. Document ID: US 20030052682 A1

L13: Entry 5 of 14

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030052682

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030052682 A1

TITLE: PLANAR NMR COILS WITH LOCALIZED FIELD-GENERATING AND CAPACITIVE ELEMENTS

PUBLICATION-DATE: March 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard	Sunnyvale	CA	US

US-CL-CURRENT: 324/322; 324/248

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Draw Desc	Image
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☐ 6. Document ID: US 20020190715 A1

L13: Entry 6 of 14

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020190715  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020190715 A1

TITLE: Superconducting resonators for NMR applications

PUBLICATION-DATE: December 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Marek, Daniel	Moeriken		CH

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw Desc	Image
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☐ 7. Document ID: US 7224248 B2

L13: Entry 7 of 14

File: USPT

May 29, 2007

US-PAT-NO: 7224248  
DOCUMENT-IDENTIFIER: US 7224248 B2

TITLE: Ceramic loaded temperature compensating tunable cavity filter

DATE-ISSUED: May 29, 2007

## PRIOR-PUBLICATION:

DOC-ID	DATE
US 20060038640 A1	February 23, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
D'Ostilio; James P.	Lynchburg	VA	24501	US

US-CL-CURRENT: 333/223; 333/224, 333/226, 333/231, 333/234

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RWC	Draw Desc	Image
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☐ 8. Document ID: US 7193418 B2

L13: Entry 8 of 14

File: USPT

Mar 20, 2007

US-PAT-NO: 7193418  
DOCUMENT-IDENTIFIER: US 7193418 B2

TITLE: Resonator system

DATE-ISSUED: March 20, 2007

## PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060017440 A1

January 26, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Freytag; Nicolas	Binz			CH

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw Desc	Image
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☐ 9. Document ID: US 6842004 B2

L13: Entry 9 of 14

File: USPT

Jan 11, 2005

US-PAT-NO: 6842004

DOCUMENT-IDENTIFIER: US 6842004 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: January 11, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		
Nast; Robert E.	Saratoga	CA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw Desc	Image
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☐ 10. Document ID: US 6727700 B2

L13: Entry 10 of 14

File: USPT

Apr 27, 2004

US-PAT-NO: 6727700

DOCUMENT-IDENTIFIER: US 6727700 B2

TITLE: Superconducting NMR resonators generating RF magnetic fields at the sample which are substantially parallel to the plane of a resonator

DATE-ISSUED: April 27, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw Desc	Image
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☐ 11. Document ID: US 6556013 B2

L13: Entry 11 of 14

File: USPT

Apr 29, 2003

US-PAT-NO: 6556013

DOCUMENT-IDENTIFIER: US 6556013 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: April 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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☐ 12. Document ID: US 6121776 A

L13: Entry 12 of 14

File: USPT

Sep 19, 2000

US-PAT-NO: 6121776

DOCUMENT-IDENTIFIER: US 6121776 A

TITLE: Superconducting hybrid-resonator for receiving NMR-signals

DATE-ISSUED: September 19, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moriken			CH

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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☐ 13. Document ID: US 5276398 A

L13: Entry 13 of 14

File: USPT

Jan 4, 1994

US-PAT-NO: 5276398

DOCUMENT-IDENTIFIER: US 5276398 A

**\*\* See image for Certificate of Correction \*\***TITLE: Superconducting magnetic resonance probe coil

DATE-ISSUED: January 4, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		
Liang; Guo-Chun	Cupertino	CA		

US-CL-CURRENT: 324/318; 324/322, 505/844

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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14. Document ID: US 5020411 A

L13: Entry 14 of 14

File: USPT

Jun 4, 1991

US-PAT-NO: 5020411

DOCUMENT-IDENTIFIER: US 5020411 A

TITLE: Mobile assault logistic kinetmatic engagement device

DATE-ISSUED: June 4, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rowan; Larry	Culver	CA	90230	

US-CL-CURRENT: 89/1.11; 376/319, 60/203.1, 89/8

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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Term	Documents
ELECTRIC	4601385
ELECTRICS	5081
ELECTRICAL	2489477
ELECTRICALS	437
ELECTRICALLY	1509684
ELECTRICALLIES	0
ELECTRICALLYS	1
CONDUCT\$3	0
CONDUCT	389186
CONDUCTA	498
CONDUCTAB	1
(L12 AND ((ELECTRIC OR ELECTRICAL OR ELECTRICALLY) SAME (CONDUCT\$3))) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	14

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## Search Results - Record(s) 1 through 19 of 19 returned.

### ☐ 1. Document ID: US 20070018647 A1

L21: Entry 1 of 19

File: PGPB

Jan 25, 2007

PGPUB-DOCUMENT-NUMBER: 20070018647

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070018647 A1

TITLE: Nuclear magnetic resonance apparatus with a gradient shielding configuration having reduced coupling to the resonator system

PUBLICATION-DATE: January 25, 2007

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Freytag; Nicolas	Binz		CH

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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### ☐ 2. Document ID: US 20060017440 A1

L21: Entry 2 of 19

File: PGPB

Jan 26, 2006

PGPUB-DOCUMENT-NUMBER: 20060017440

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060017440 A1

TITLE: Resonator system

PUBLICATION-DATE: January 26, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Freytag; Nicolas	Binz		CH

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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### ☐ 3. Document ID: US 20050200359 A1

L21: Entry 3 of 19

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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## 4. Document ID: US 20040032262 A1

L21: Entry 4 of 19

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040032262

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040032262 A1

TITLE: Planar NMR coils with localized field-generating and capacitive elements

PUBLICATION-DATE: February 19, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US
Nast, Robert E.	Saratoga	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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## 5. Document ID: US 20030151409 A1

L21: Entry 5 of 19

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030151409

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030151409 A1

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the conducting material

PUBLICATION-DATE: August 14, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Marek, Daniel	Moeriken		CH

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 6. Document ID: US 20030052682 A1

L21: Entry 6 of 19

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030052682

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030052682 A1

TITLE: PLANAR NMR COILS WITH LOCALIZED FIELD-GENERATING AND CAPACITIVE ELEMENTS

PUBLICATION-DATE: March 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard	Sunnyvale	CA	US

US-CL-CURRENT: 324/322; 324/248

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 7. Document ID: US 20020190715 A1

L21: Entry 7 of 19

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020190715

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020190715 A1

TITLE: Superconducting resonators for NMR applications

PUBLICATION-DATE: December 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Marek, Daniel	Moeriken		CH

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 8. Document ID: US 7193418 B2

L21: Entry 8 of 19

File: USPT

Mar 20, 2007

US-PAT-NO: 7193418

DOCUMENT-IDENTIFIER: US 7193418 B2

TITLE: Resonator system

DATE-ISSUED: March 20, 2007

## PRIOR-PUBLICATION:

DOC-ID DATE  
US 20060017440 A1 January 26, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Freytag; Nicolas	Binz			CH

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 9. Document ID: US 6842004 B2

L21: Entry 9 of 19

File: USPT

Jan 11, 2005

US-PAT-NO: 6842004

DOCUMENT-IDENTIFIER: US 6842004 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: January 11, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		
Nast; Robert E.	Saratoga	CA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 10. Document ID: US 6781377 B2

L21: Entry 10 of 19

File: USPT

Aug 24, 2004

US-PAT-NO: 6781377

DOCUMENT-IDENTIFIER: US 6781377 B2

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the conducting material

DATE-ISSUED: August 24, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 11. Document ID: US 6727700 B2

L21: Entry 11 of 19

File: USPT

Apr 27, 2004

US-PAT-NO: 6727700

DOCUMENT-IDENTIFIER: US 6727700 B2

TITLE: Superconducting NMR resonators generating RF magnetic fields at the sample which are substantially parallel to the plane of a resonator

DATE-ISSUED: April 27, 2004.

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw Desc	Image
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☐ 12. Document ID: US 6556013 B2

L21: Entry 12 of 19

File: USPT

Apr 29, 2003

US-PAT-NO: 6556013

DOCUMENT-IDENTIFIER: US 6556013 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: April 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw Desc	Image
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☐ 13. Document ID: US 6201392 B1

L21: Entry 13 of 19

File: USPT

Mar 13, 2001

US-PAT-NO: 6201392

DOCUMENT-IDENTIFIER: US 6201392 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Coplanar RF probe coil arrangement for multifrequency excitation

DATE-ISSUED: March 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Weston	Palo Alto	CA		

Withers; Richard S.	Sunnyvale	CA
Delin; Kevin A.	Arcadia	CA
Fuks; Luis Felipe	Fremont	CA
Wong; Wai Ha	Cupertino	CA

US-CL-CURRENT: 324/300; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 14. Document ID: US 6121776 A

L21: Entry 14 of 19

File: USPT

Sep 19, 2000

US-PAT-NO: 6121776

DOCUMENT-IDENTIFIER: US 6121776 A

TITLE: Superconducting hybrid-resonator for receiving NMR-signals

DATE-ISSUED: September 19, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moriken			CH

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 15. Document ID: US 5606259 A

L21: Entry 15 of 19

File: USPT

Feb 25, 1997

US-PAT-NO: 5606259

DOCUMENT-IDENTIFIER: US 5606259 A

TITLE: Adaptable antenna for a magnetic resonance apparatus including a wiper contact for varying the size of the antenna without frequency change

DATE-ISSUED: February 25, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Potthast; Andreas	Forchheim			DE
Duerr; Wilhelm	Erlangen			DE

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 16. Document ID: US 5280247 A

L21: Entry 16 of 19

File: USPT

Jan 18, 1994

US-PAT-NO: 5280247

DOCUMENT-IDENTIFIER: US 5280247 A

TITLE: Filamentary cold shield for superconducting magnets

DATE-ISSUED: January 18, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DeMeester; Gordon D.	Wickliffe	OH		
Morich; Michael A.	Mentor	OH		
Patrick; John L.	Chagrin Falls	OH		

US-CL-CURRENT: 324/318; 335/216

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 17. Document ID: US 5276398 A

L21: Entry 17 of 19

File: USPT

Jan 4, 1994

US-PAT-NO: 5276398

DOCUMENT-IDENTIFIER: US 5276398 A

\*\* See image for Certificate of Correction \*\*TITLE: Superconducting magnetic resonance probe coil

DATE-ISSUED: January 4, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		
Liang; Guo-Chun	Cupertino	CA		

US-CL-CURRENT: 324/318; 324/322, 505/844

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 18. Document ID: US 3474294 A

L21: Entry 18 of 19

File: USOC

Oct 21, 1969

US-PAT-NO: 3474294

DOCUMENT-IDENTIFIER: US 3474294 A

TITLE: SUPERCONDUCTIVE MAGNET PROTECTED BY FORWARD AND BACKWARD CONDUCTING DIODE PAIRS

DATE-ISSUED: October 21, 1969

INVENTOR-NAME: WEAVER HARRY E JR; KINGSTON FLOYD E

US-CL-CURRENT: 361/19, 324/319, 338/32R, 338/32S, 361/118, 361/56, 361/91.1, 505/850

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw Desc	Image
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□ 19. Document ID: US 3402346 A

L21: Entry 19 of 19

File: USOC

Sep 17, 1968

US-PAT-NO: 3402346

DOCUMENT-IDENTIFIER: US 3402346 A

TITLE: Coaxial receiver coil and capacitor structure for probes of uhf gyromagnetic spectrometers

DATE-ISSUED: September 17, 1968

INVENTOR-NAME: BAKER GEORGE A

US-CL-CURRENT: 324/322; 324/310, 334/81

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw Desc	Image
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Bkwd Refs

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Term	Documents
RESONATOR	108077
RESONATORS	35211
RESONATER	73
RESONATERS	26
RESONANCE	360355
RESONANCES	21375
RESONANT	160080
RESONANTS	129
(20 AND (RESONATER OR RESONANT OR RESONATOR OR RESONANCE)) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	19
(L20 AND (RESONATOR OR RESONATER OR RESONANCE OR RESONANT) ) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	19

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## Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20050200359 A1

L22: Entry 1 of 4

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 2. Document ID: US 6781377 B2

L22: Entry 2 of 4

File: USPT

Aug 24, 2004

US-PAT-NO: 6781377

DOCUMENT-IDENTIFIER: US 6781377 B2

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the conducting material

DATE-ISSUED: August 24, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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☐ 3. Document ID: US 3474294 A

L22: Entry 3 of 4

File: USOC

Oct 21, 1969

US-PAT-NO: 3474294

DOCUMENT-IDENTIFIER: US 3474294 A

TITLE: SUPERCONDUCTIVE MAGNET PROTECTED BY FORWARD AND BACKWARD CONDUCTING DIODE PAIRS

DATE-ISSUED: October 21, 1969

INVENTOR-NAME: WEAVER HARRY E JR; KINGSTON FLOYD E

US-CL-CURRENT: 361/19, 324/319, 338/32R, 338/32S, 361/118, 361/56, 361/91.1, 505/850

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 3402346 A

L22: Entry 4 of 4

File: USOC

Sep 17, 1968

US-PAT-NO: 3402346

DOCUMENT-IDENTIFIER: US 3402346 A

TITLE: Coaxial receiver coil and capacitor structure for probes of uhf gyromagnetic spectrometers

DATE-ISSUED: September 17, 1968

INVENTOR-NAME: BAKER GEORGE A

US-CL-CURRENT: 324/322; 324/310, 334/81

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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Term	Documents
FINGER	494164
FINGERS	364620
NEST	58427
NESTS	19000
NESTING	45089
NESTINGS	227
NESTED	113450
NESTEDS	0
NESTABLE	6583
NESTABLES	1
INTERLACING	14766
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(DIRECT\$4 OR ORIENT\$3 OR ORIENTATION) SAME  
((PARALLEL) SAME (MAGNETIC OR  
FIELD))) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.

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## Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 20050200359 A1

L23: Entry 1 of 1

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: 324/318

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims IOMC Draw Desc Image

Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Term	Documents
CLOSED	2786856
CLOSEDS	18
COMPLETE	2258270
COMPLETES	227627
FULL	1831760
FULLS	213
PATH	2267701
PATHS	618784
ROUTE	444531
ROUTES	199069
GEOMETRY	332443
(L22 AND ((CLOSED OR COMPLETE OR FULL) SAME (PATH OR ROUTE OR GEOMETRY OR GEOMETRIC\$4)) ) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1

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## Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20050200359 A1

L27: Entry 1 of 6

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw Desc	Image
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☐ 2. Document ID: US 6781377 B2

L27: Entry 2 of 6

File: USPT

Aug. 24, 2004

US-PAT-NO: 6781377

DOCUMENT-IDENTIFIER: US 6781377 B2

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the conducting material

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw Desc	Image
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☐ 3. Document ID: US 3474294 A

L27: Entry 3 of 6

File: USOC

Oct 21, 1969

US-PAT-NO: 3474294

DOCUMENT-IDENTIFIER: US 3474294 A

TITLE: SUPERCONDUCTIVE MAGNET PROTECTED BY FORWARD AND BACKWARD CONDUCTING DIODE PAIRS

DATE-ISSUED: October 21, 1969

INVENTOR-NAME: WEAVER HARRY E JR; KINGSTON FLOYD E

US-CL-CURRENT: 361/19, 324/319, 338/32R, 338/32S, 361/118, 361/56, 361/91.1, 505/850

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 4. Document ID: US 3434043 A

L27: Entry 4 of 6

File: USOC

Mar 18, 1969

US-PAT-NO: 3434043

DOCUMENT-IDENTIFIER: US 3434043 A

TITLE: NUCLEAR MAGNETIC RESONANCE PROBE APPARATUS HAVING DOUBLE TUNED COIL SYSTEMS FOR SPECTROMETERS EMPLOYING AN INTERNAL REFERENCE

DATE-ISSUED: March 18, 1969

INVENTOR-NAME: NELSON FORREST A

US-CL-CURRENT: 324/310; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 5. Document ID: US 3427532 A

L27: Entry 5 of 6

File: USOC

Feb 11, 1969

US-PAT-NO: 3427532

DOCUMENT-IDENTIFIER: US 3427532 A

TITLE: NUCLEAR MAGNETIC RESONANCE PROBE FOR SPECTROMETERS HAVING AN INTERNAL REFERENCE NUCLEI DIFFERENT THAN THE NUCLEI UNDER OBSERVATION

DATE-ISSUED: February 11, 1969

INVENTOR-NAME: NELSON FORREST A

US-CL-CURRENT: 324/308; 324/310, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 6. Document ID: US 3402346 A

L27: Entry 6 of 6

File: USOC

Sep 17, 1968

US-PAT-NO: 3402346

DOCUMENT-IDENTIFIER: US 3402346 A

TITLE: Coaxial receiver coil and capacitor structure for probes of uhf gyromagnetic

spectrometers

DATE-ISSUED: September 17, 1968

INVENTOR-NAME: BAKER GEORGE A

US-CL-CURRENT: 324/322; 324/310, 334/81

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Keyword	Draw Desc	Image
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Term	Documents
FINGER	494164
FINGERS	364620
NEST	58427
NESTS	19000
NESTING	45089
NESTINGS	227
NESTED	113450
NESTEDS	0
NESTABLE	6583
NESTABLES	1
INTERLACING	14766
(L17 AND (((FINGER OR NEST OR NESTING OR NESTED OR NESTABLE OR INTERDIGITAT\$3 OR INTER-DIGITAT\$3 OR INTERLACING OR INTERLACE OR INTERLACED OR INTER-LACED OR INTERLACING OR INTERLACE OR INTERLOCK OR INTERLOCKING OR INTERLOCKED OR INTER-LOCKED OR INTER-LOCKING OR INTER-LOCK) SAME (INDUCTANCE OR INDUCTIVE OR INDUCTIVELY OR INDUCE OR INDUCED OR INDUCING OR CAPACITIVE OR CAPACITIVELY OR CAPACITANCE)) SAME (DIRECT\$4 OR ORIENT\$3 OR ORIENTATION) SAME ((PARALLEL) SAME (MAGNETIC OR FIELD))))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20050200359 A1

L28: Entry 1 of 1

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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Term	Documents
CLOSED	2786856
CLOSEDS	18
COMPLETE	2258270
COMPLETES	227627
FULL	1831760
FULLS	213
PATH	2267701
PATHS	618784
ROUTE	444531
ROUTES	199069
GEOMETRY	332443
(L27 AND ((CLOSED OR COMPLETE OR FULL) SAME (PATH OR ROUTE OR GEOMETRY OR GEOMETRIC\$4))) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	1

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